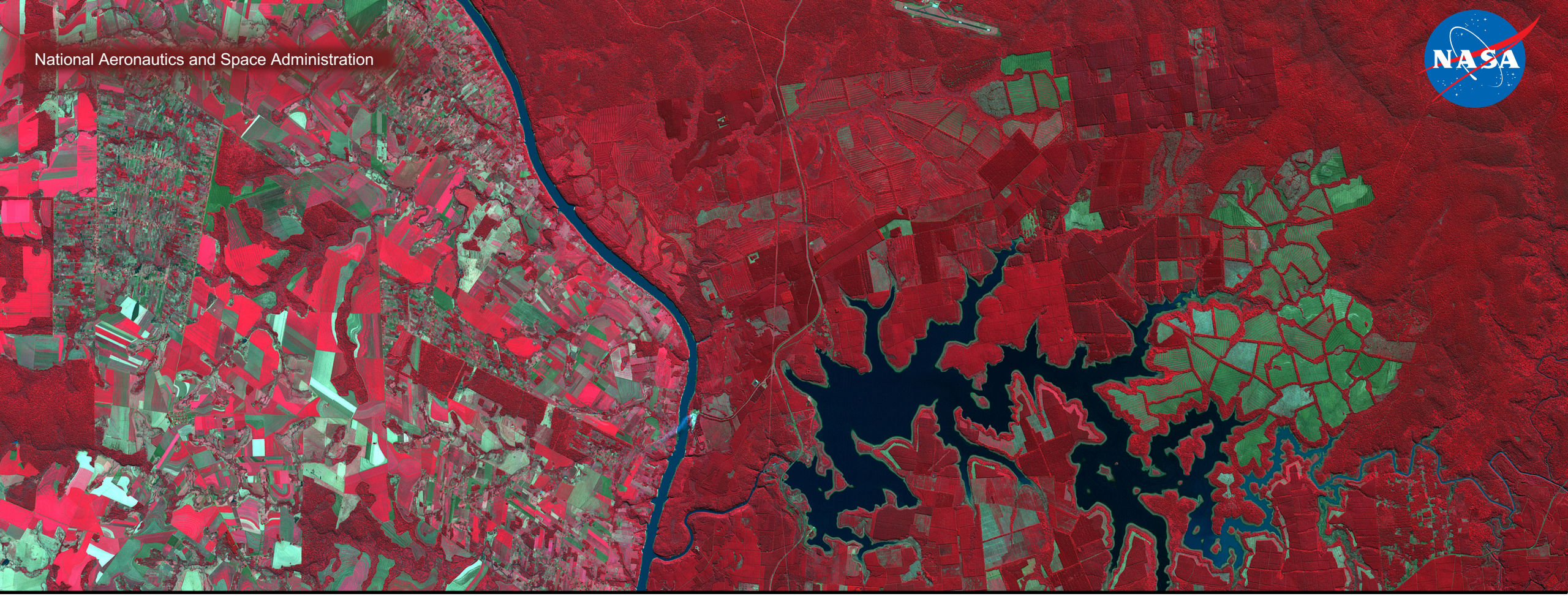


NASA's Applied Remote Sensing Training Program

Ana Prados, ARSET Program Manager

29 November 2017

NASA's Applied Remote Sensing Training Program (ARSET)

http://arset.gsfc.nasa.gov/

- Team of 15 NASA scientists, students and other support staff at 3 NASA centers
- Part of NASA's Applied Sciences/Capacity Building Program
- Mission: To empower the global community through remote sensing training
- Target audience: policy makers and other environmental professionals in the public and private sector
- Trainings areas:

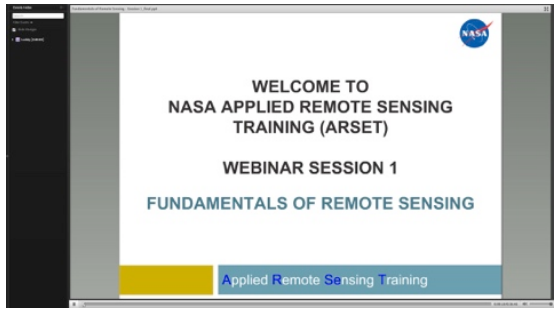
Disasters

Land

Health & Air Quality

Water Resources

ARSET Training Formats



Online

- Live and recorded
- 4-6 hours of instruction
- Advanced training includes image processing

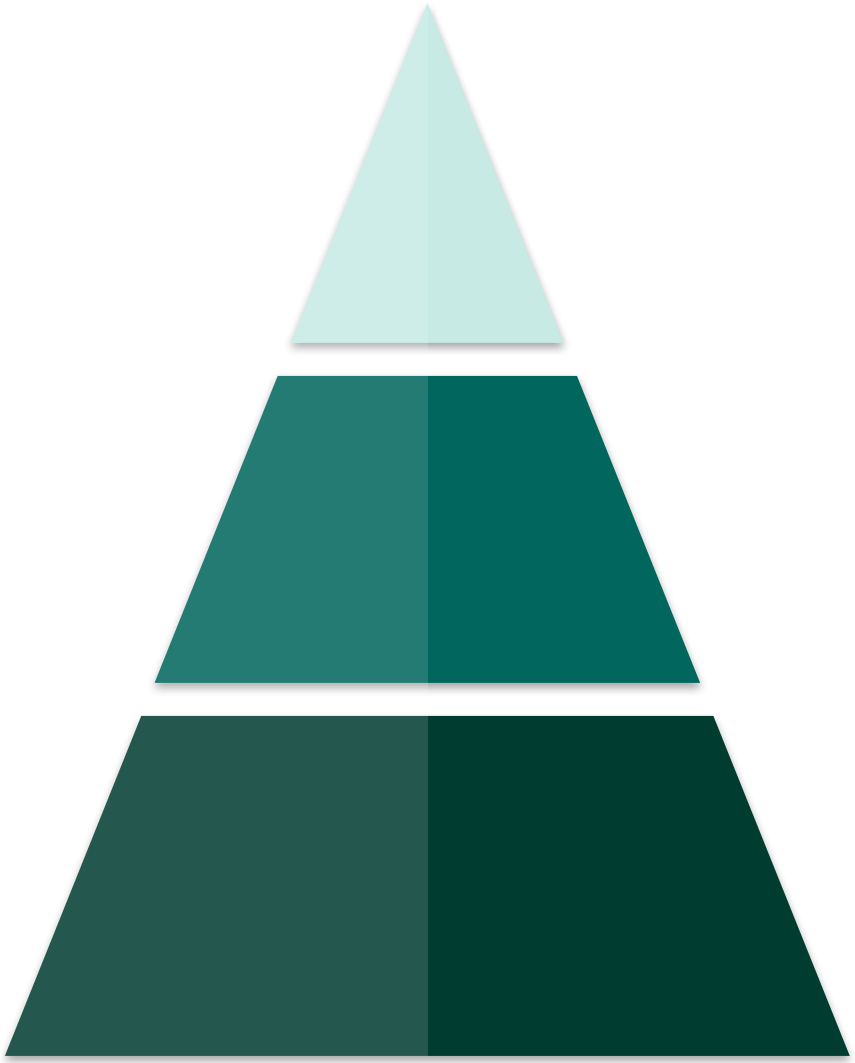
In-Person

- 2-7 days in length
- Held in a computer lab
- Mixture of lectures and exercises
- Locally relevant case studies

Train the Trainers

- Online training and manuals
- For organizations seeking to develop a remote sensing training program

ARSET Training Levels



Advanced (Level 2)
Pre-requisite: level 1 training
More in-depth and hands-on exercises
Example: Land Cover Classification with Satellite Data

Basic (Level 1)
Pre-requisite: level 0 training
Data, tools, examples of applications
Example: Remote Sensing of Forest Cover & Change Assessment for Carbon Monitoring

Fundamentals (Level 0)
Example: Satellites, Sensors, Data and Tools for Land Management and Wildfire Applications

All presentations and exercises are freely available in English & Spanish
Some trainings (and recordings) are delivered in both languages

Global Participation

Number of participants (2009-2016)

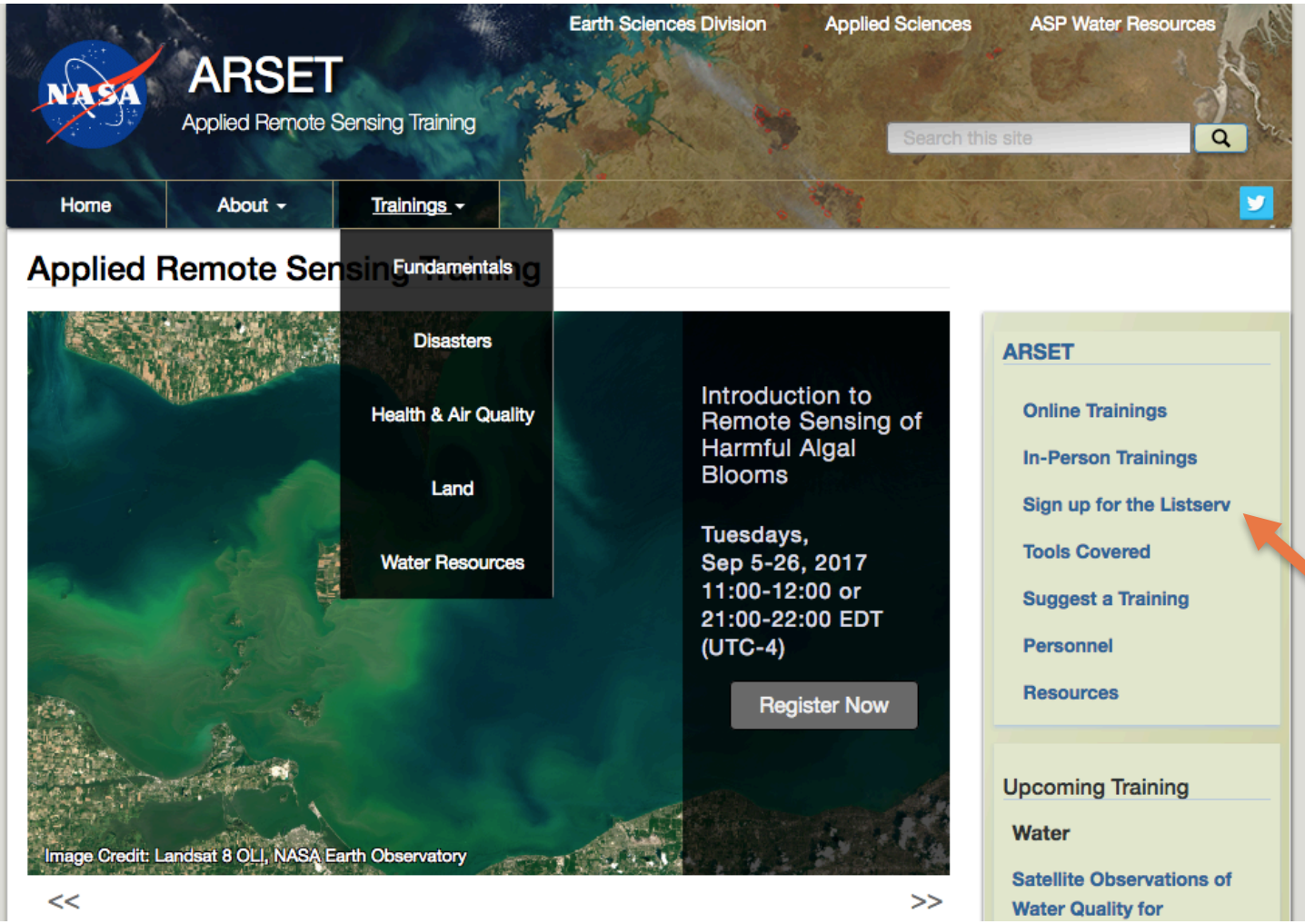
- 96 trainings (since 2009)
- 12,800+ participants
- 159 countries, all US states
- 3800 unique organizations

How to Stay Involved with ARSET

- Upcoming trainings are announced on the ARSET website
- Past training materials and webinar recordings are freely available through the ARSET website
- Join our listserv
- Let us know if your organization is interested in an in-person training
- Let us know what training topics (specific applications, data, satellite missions, skills) are of interest to you and your organization.
- Stay in touch: After an ARSET training, let us know how you have increased your use of satellite data and/or how we can improve our program

ARSET Website

http://arset.gsfc.nasa.gov/



Sign up for the ARSET Listserv

https://lists.nasa.gov/mailman/listinfo/arset